Gulf of Mexico Harmful Algal Bloom Bulletin

19 November 2004

National Ocean Service

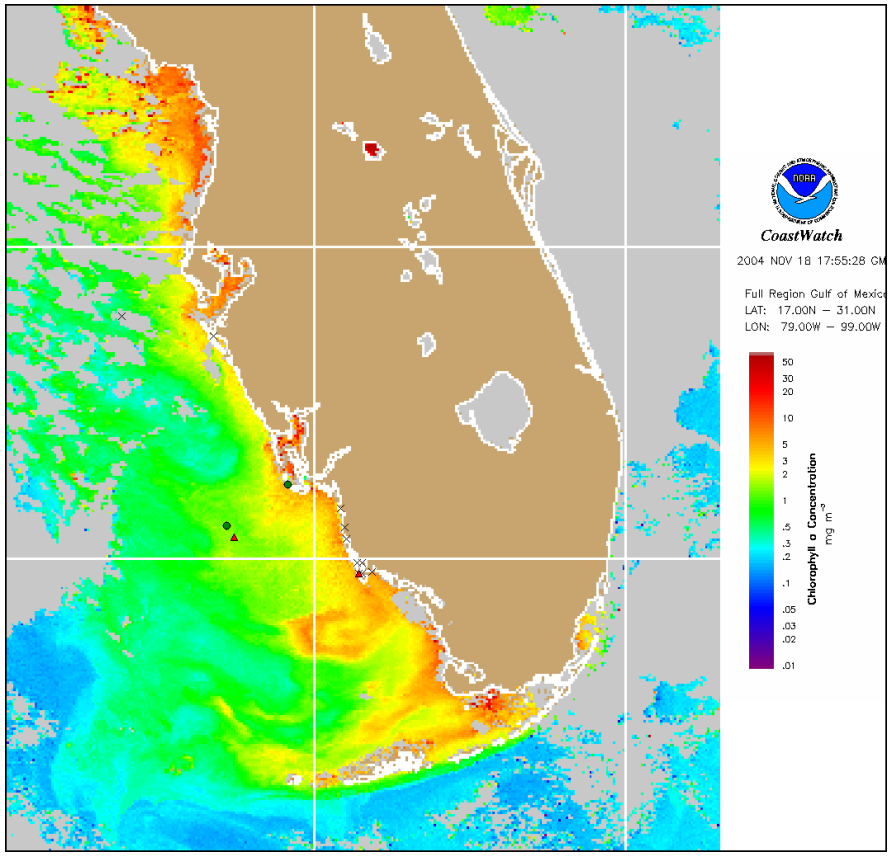
National Environmental Satellite, Data, and Information Service

Last bulletin: November 18, 2004

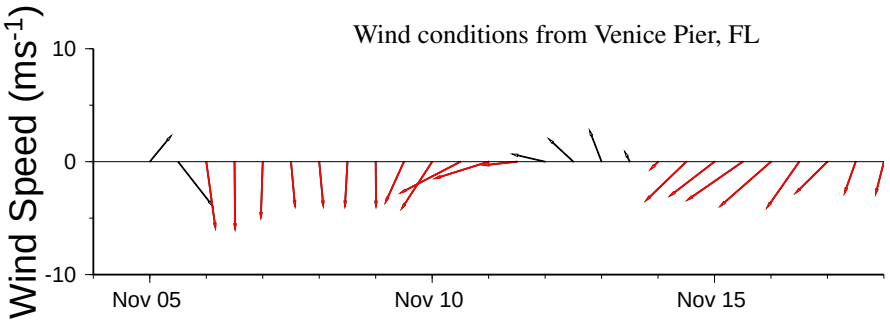
This bulletin is supplemental to the bulletin sent out yesterday, November 18.

Conditions: Water may appear discolored southwest of Cape Romano to about 82W, owing to the harmful algal bloom. There is also a potential for discolored water approximately 10 miles north of the lower Keys owing to a separate harmless diatom bloom.

Stumpf, Bronder, Stolz

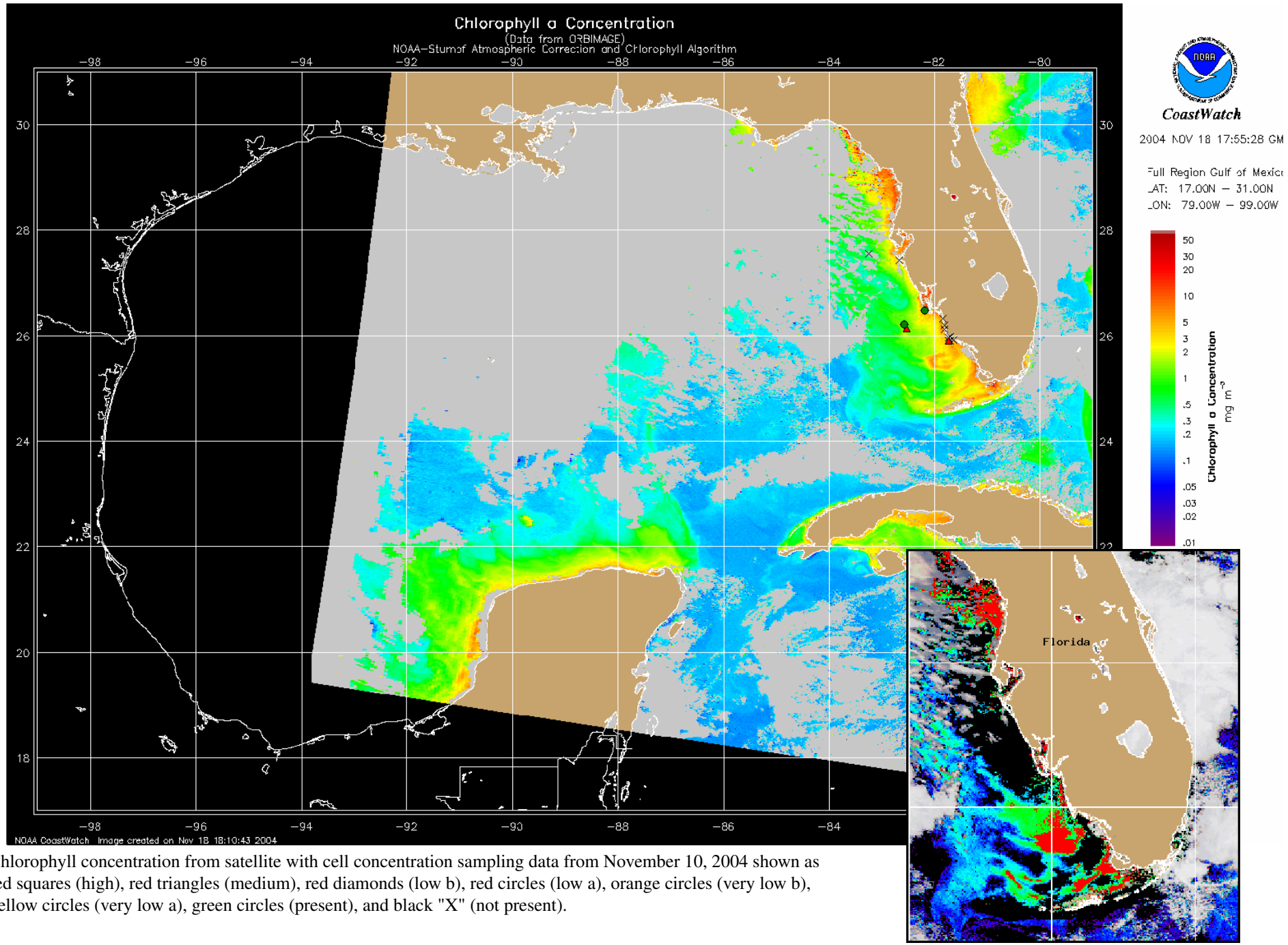


Chlorophyll concentration from satellite with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 10, 2004 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).



Wind speed and direction are averaged over 12 hours from measurements made on buoys. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Winds have been northeasterly this week.



Chlorophyll concentration from satellite with cell concentration sampling data from November 10, 2004 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present).

Blooms shown in red (see p. 1 analysis and image for interpretation)